

Referring now to both FIG. 3 and FIG. 4, at least one signal conductor 27 having one end 30 arranged in electrode connection region 18, and another end 31 arranged in medical device connection region 3429, is operable to provide a signal path traversing heat-sealable flexible material 32. Signal conductor 27 is preferably an electrical conductor, such as a pin connector, insert-molded into housing 20, but may be any device now known or later developed capable of causing electrical signals, or representations thereof, to traverse heat-sealable flexible material 32. Signal conductor 27 may be disposed in housing sides 18, 19, heat-sealable flexible material 32, and/or sealing surface 22.